

Name: TIA1 mouse monoclonal antibody, clone 1C4
Product Data Sheet - TRUEMAB**Catalog: TA800667**

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|---------------------------------|--|
| Components: | <ul style="list-style-type: none">• TIA1 mouse monoclonal antibody, clone 1C4 (TA800667)• 1 vial of 20ug myc-DDK tagged TIA1 HEK293T over-expression lysate lyophilized in RIPA buffer (LC411728). (Reconstitute into 20ul of 1x SDS sample buffer before loading; load 5ul per lane as WB control or as desired) |
| Amount: | 100ul |
| Immunogen: | Full length human recombinant protein of human TIA1 (NP_071505) produced in HEK293T cell. |
| Host: | Mouse |
| Isotype: | IgG1 |
| Species Reactivity: | Human |
| Guaranteed Applications: | WB |
| Suggested Dilutions: | WB 1:2000, |
| Concentration: | 1.00 mg/ml |
| Buffer: | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Purification: | Purified from mouse ascites fluids by affinity chromatography |
| Storage Condition: | Shipped at -20C. Upon delivery store at -20C. Dilute in PBS (pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws. |

Target

| | |
|--------------------------|--|
| Target Name: | Homo sapiens TIA1 cytotoxic granule-associated RNA binding protein (TIA1), transcript variant 2 |
| Alternative Name: | TIA-1; WDM |
| Database Link: | NP_071505 |
| Function: | The product encoded by this gene is a member of a RNA-binding protein family and possesses nucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been suggested that this protein may be involved in the induction of apoptosis as it preferentially recognizes poly(A) homopolymers and induces DNA fragmentation in CTL targets. The major granule-associated species is a 15-kDa protein that is thought to be derived from the carboxyl terminus of the 40-kDa product by proteolytic processing. |

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

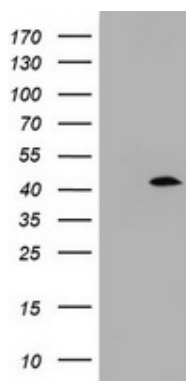
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Alternative splicing resulting in different isoforms of this gene product has been described in the literature. [provided by RefSeq, Jul 2008].

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Validation Data



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TIA1 (RC219386, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TIA1.

* More validation images may be available on our website: <http://www.origene.com/antibody/TA800667.aspx>

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